

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)						Socket No. AMAT/4582/ISM/ COPPER/DV		Serial No. 09/853,962	
LISTS OF PATENTS AND PUBLICATIONS CITED BY APPLICANT						Applicant Hey, et al.			
(Use several sheets if necessary)						Filing Date May 10, 2001		Group 1775	
Examiner <i>Unknown R. Koehler</i>								<del>Unknown</del>	

AUG 30 2001  
U.S. PATENT & TRADEMARK OFFICE

U.S. Patent Documents							
Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
<i>RRK 2H</i>	A1	6,258,220	07-10-2001	Dordi, et al.	204	198	04-08-1999
<i>RRK 2H</i>	A2	6,251,236	06-26-2001	Stevens	204	224 R	11-30-1998
<i>RRK 2H</i>	A3	5,885,469	03-23-1999	Kholodenko, et al.	216	11	11-05-1996
<i>RRK 2H</i>	A4	5,723,028	03-03-1998	Poris	204	231	10-19-1994
<i>RRK 2H</i>	A5	5,429,733	07-04-1995	Ishida	204	224 R	05-04-1993
<i>RRK 2H</i>	A6	5,256,274	10-26-1993	Poris	205	123	11-22-1991
<i>RRK 2H</i>	A7	5,039,381	08-13-1991	Mullarkey	204	47.5	05-25-1989
<i>RRK 2H</i>	A8	4,869,971	09-26-1989	Nee, et al.	428	635	01-23-1989
<i>RRK 2H</i>	A9	4,510,176	04-09-1985	Cuthbert, et al.	427	82	09-26-1983
<i>RRK 2H</i>	A10	4,496,436	01-29-1985	Inoue	204	23	12-27-1978
<i>RRK 2H</i>	A11	4,435,266	03-06-1984	Johnston	204	276	09-30-1982
<i>RRK 2H</i>	A12	4,396,467	08-02-1983	Anthony	204	15	07-21-1981
<i>RRK 2H</i>	A13	4,315,059	02-09-1982	Raistrick, et al.	429	112	07-18-1980
<i>RRK 2H</i>	A14	3,770,598	11-06-1973	Creutz	204	52 R	01-21-1972

Foreign Patent Documents								
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation		
						YES	NO	
<i>RRK 2H</i>	B1	WO 99/25905	05-27-1999	WIPO	C25D	5/02	X	
<i>RRK 2H</i>	B2	WO 97/12079	04-03-1997	WIPO	C25D	5/02	X	
<i>RRK 2H</i>	B3	JP04280993	10-06-1992	Japan English Abstract	C25D	5/18	X	

OTHER ART	
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
<i>RRK 2H</i>	C1 Holm, Ragnar, "Electric Contacts Theory and Application," Springer-Verlag New York, Inc., New York, New York, 1967, Pages 1-11, 26-31, 40-51, 164-175, and 366-375. <i>(no month given)</i>
<i>RRK 2H</i>	C2 Pitney, K.E., NEY Contact Manual, "Electrical Contacts for Low Energy Uses," The J. M. Ney Co., Bloomfield, Connecticut, 1973, Pages 1-13, 88-91, and 148-165. <i>(no month given)</i>
Examiner <i>R. Koehler</i>	Date Considered <i>June 12, 2004</i>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.



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Examiner <del>Unknown</del> <i>R. Koehler</i>							

U.S. Patent Documents							
Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
<i>RM</i>	A15	09/245,780	Dordi, et al.			02-05-1999	
<i>RM</i>	A16	09/614,407	Zheng, et al.			07-12-2000	
<i>RM</i>	A17	09/569,833	Gandikota, et al.			05-11-2000	
	A18						
	A19						
	A20						
	A21						
	A22						
	A23						
	A24						

Foreign Patent Documents							
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						YES	NO
<i>RM</i>	B4	JP58182823	10-25-1983	Japan English Abstract	H01L	21/288	X
<i>RM</i>	B5	JP63118093	05-23-1988	Japan English Abstract	C25D	5/18	X
	B6						
	B7						
	B8						

OTHER ART		
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.	
<i>RM</i>	C3	Singer, Peter, "Wafer Processing," Semiconductor International, June 1998, Page 70.
<i>RM</i>	C4	Singer, Peter, "Tantalum, Copper and Damascene: The Future of Interconnects," Semiconductor International, June 1998, Pages 90-91, 94-96, and 98.
	C5	
	C6	
Examiner <i>RM</i> <i>R. Koehler</i>		Date Considered <i>June 12, 2001</i> <i>9/25/03</i>

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U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
(PTO Form 1449 modified)		APPM/4582	09/853,962
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant	Confirmation No.:
		Hey, et al.	6593
(Use several sheets if necessary)		Filing Date	Group
Examiner <u>Unknown R. Koehler</u>		May 10, 2001	1762

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date - Appropriate
<del>OK</del>	A1	5,384,640	01/24/95	Wong	356	437	01/19/83
<del>OK</del>	A2	6,197,181	03/06/01	Chen	205	123	03/20/98
<del>OK</del>	A3	6,203,684	03/20/01	Taylor, et al.	205	103	10/14/98
<del>OK</del>	A4	6,210,555	04/03/01	Taylor, et al.	205	103	01/29/99
<del>OK</del>	A5	6,224,737	05/01/01	Tsai, et al.	205	123	08/19/99
<del>OK</del>	A6	6,227,263	05/08/01	Kust, et al.	141	86	02/04/00
<del>OK</del>	A7	6,261,433	07/17/01	Landau	205	96	04/21/99
<del>OK</del>	A8	6,290,833	09/18/01	Chen	205	182	08/31/99
<del>OK</del>	A9	6,303,014	10/16/01	Taylor, et al.	205	103	04/20/00
<del>OK</del>	A10	6,319,384	11/20/01	Taylor, et al.	205	103	04/20/00
<del>OK</del>	A11	6,432,821	08/13/02	Dubin, et al.	438	678	12/18/00
	A12						
	A13						
	A14						

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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<del>OK</del>	B1	53086580	07-31-1998	JP	H01L	21/302	<input type="checkbox"/>	<input type="checkbox"/>
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	B3						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER ART**

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.	
<del>C1</del>		
<del>C2</del>		
<del>C3</del>		
Examiner <u>W. Koehler</u>	Date Considered <u>9/25/03</u>	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1725
Examiner <del>Unknown</del> <i>R. Koshel</i>			

## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate	
RRK	2A	A1	6,551,488	04/22/03	Hey, et al.	205	157	09/08/00
RRK		A2	6,551,484	04/22/03	Hey, et al.	205	96	01/18/01
RRK		A3	6,350,366	02/26/02	Landau, et al.	205	182	01/18/00
RRK		A4	6,344,419	02/05/02	Forster, et al.	438	758	12/03/99
RRK		A5	6,267,853	07/31/01	Dordi, et al.	204	232	07/09/99
RRK		A6	6,261,733	07/17/01	Coppens, et al.	430	230	05/03/00
RRK		A7	6,258,220	07/10/01	Dordi, et al.	204	198	04/08/99
RRK		A8	6,254,760	07/03/01	Shen, et al.	205	335	03/05/99
RRK		A9	6,174,425	01/16/01	Simpson, et al.	205	96	05/14/97
RRK		A10	6,113,771	09/05/00	Landau, et al.	205	123	07/13/98
RRK		A11	6,093,291	07/25/00	Izumi, et al.	204	224R	7/31/98
RRK		A12	6,071,388	06/06/00	Uzoh	204	297 R	05/29/98
RRK	2R	A13	6,024,856	02/15/00	Haydu, et al.	205	84	10/10/97

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation		
							YES	NO	
RRK	2A	B1	99/54527	10/28/99	WO	C25D	17/00	<input type="checkbox"/>	<input type="checkbox"/>
RRK		B2	99/47731	09/23/99	WO	C25D	3/58	<input type="checkbox"/>	<input type="checkbox"/>
RRK	2A	B3	99/26275	05/27/99	WO	H01L		<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
<i>RRK</i>	<i>2A</i>	C1 Dordi, et al. "Flow Diffuser to be Used in Electro-Chemical Plating System," filed 12/05/00; USSN 09/731,326
<i>RRK</i>	<i>2A</i>	C2 Hey, et al. "Deposition Uniformity Control for Electroplating Apparatus, and Associated Method," filed 10/12/00; USSN 09/687,053
Examiner <i>mi</i>	<i>ms</i>	Date Considered <i>9/25/03</i>

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(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1725
Examiner <del>Unknown</del> <i>R. Koehler</i>			

## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
RRK	A1	5,838,121	11/17/98	Fairbairn, et al.	318	45	11/18/96
RRK	A2	5,730,890	03/24/98	Bickford, et al.	216	87	09/12/96
RRK	A3	5,705,223	01/06/98	Bunkofsky	427	240	12/05/95
RRK	A4	5,651,865	07/29/97	Sellers	204	192.13	06/17/94
RRK	A5	5,625,170	04/29/97	Poris	177	50	01/18/94
RRK	A6	5,608,943	03/11/97	Konishi, et al.	15	302	08/22/94
RRK	A7	5,528,118	06/18/96	Lee	318	568.17	04/01/94
RRK	A8	5,516,412	05/14/96	Andricacos, et al.	204	224R	05/16/95
RRK	A9	5,454,930	10/03/95	Miura, et al.	205	159	07/28/94
RRK	A10	5,447,615	09/05/95	Ishida	204	224R	06/22/94
RRK	A11	5,415,890	05/16/95	Kloiber, et al.	427	242	01/03/94
RRK	A12	5,377,708	01/03/95	Bergman, et al.	134	105	04/26/93
RRK	A13	5,368,711	11/29/94	Poris	204	193	04/29/93

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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RRK-M	B1	99/25905	05/27/99	WO	C25D	5/02	<input type="checkbox"/>	<input type="checkbox"/>
RRK-J	B2	99/25904	05/27/99	WO	C25D	5/02	<input type="checkbox"/>	<input type="checkbox"/>
RRK-M	B3	99/25903	05/27/99	WO	C25D	5/00	<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
<i>RRK</i>	C1 Olgado, "Linear Motion Apparatus and Associated Method," filed 10/16/00; USSN 09/684,500
<i>RRK</i>	C2 Dordi, et al. "Method and Associated Apparatus for Tilting a Substrate Upon Entry for Metal Deposition," filed 10/03/00; USSN 09/678,947
<i>RRK</i>	C3 Olgado, et al. "Stable Cell Platform," filed 09/29/00; USSN 09/676,362 <i>June 12, 2004</i>
Examiner <i>RRK</i>	Date Considered <i>9/25/08</i>

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/4582/ISM/CO PPER/DV	Serial No. 09/853,962
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1705
Examiner <del>Unknown</del> <i>R. R. Scheller</i>			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate	
RRK-700		A1	5,349,978	09/27/94	Sago, et al.	134	153	06/04/93
RRK		A2	5,328,589	07/12/94	Martin	205	296	12/23/92
RRK		A3	5,316,974	05/31/94	Crank	437	190	04/30/90
RRK		A4	5,290,361	03/01/94	Hayashida, et al.	134	2	01/23/92
RRK		A5	5,259,407	11/09/93	Tuchida, et al.	134	151	06/14/91
RRK		A6	5,252,807	10/12/93	Chizinsky	219	390	10/23/91
RRK		A7	5,230,743	07/27/93	Thompson, et al.	134	32	07/30/92
RRK		A8	5,224,504	07/06/93	Thompson, et al.	134	155	07/30/92
RRK		A9	5,222,310	06/29/93	Thompson, et al.	34	202	01/11/91
RRK		A10	5,178,813	01/12/93	Akatsu, et al.	264	210.7	03/19/91
RRK		A11	5,162,260	11/10/92	Leibovitz, et al.	437	195	01/07/91
RRK		A12	5,155,336	10/13/92	Gronet, et al.	219	411	10/24/91
RRK-ml		A13	5,092,975	03/03/92	Yamamura, et al.	204	198	06/15/89

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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RRK- 701	B1	932 709	09/08/55	DE			<input type="checkbox"/>	<input checked="" type="checkbox"/>
RRK- 1	B2	443 108	11/22/68	SU	C23	5/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RRK- 202	B3	6-17291	01/25/94	JP	H01L	21/288	<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
<i>RRK</i>	<i>701</i>	C1 Olgado, et al. "Multiple Blade Robot Adjustment Apparatus and Associated Method," filed 09/18/00; USSN 09/664,607
<i>RRK</i>	<i>702</i>	C2 Olgado, "Removable Modular Cell for Electro-Chemical Plating," filed 09/15/00; USSN 09/663,814
	C3	

Examiner *Vick* *Robert R. Scheller* Date Considered *June 12, 2004* *9/25/03*

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Examiner <del>Unknown</del> R. Koehler			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate
RRK. 2/1	A1	5,055,425	10/08/91	Leibovitz, et al.	437	195	06/01/89
RRK.	A2	4,789,445	12/06/88	Goffman, et al.	204	114	11/19/86
RRK.	A3	4,732,785	03/22/88	Breser	427	240	09/26/86
RRK.	A4	4,693,805	09/15/97	Quazi	204	192.22	02/14/86
RRK.	A5	4,519,846	05/28/85	Aigo	134	15	03/08/84
RRK.	A6	4,518,678	05/21/85	Allen	430	311	12/16/83
RRK.	A7	4,489,740	12/25/84	Rattan, et al.	134	140	12/27/82
RRK.	A8	4,428,815	01/31/84	Powell, et al.	204	297 W	04/28/83
RRK.	A9	4,405,416	09/20/83	Raistrick, et al.	204	68	09/15/81
RRK.	A10	4,376,685	03/15/83	Watson	204	52 R	06/24/81
RRK.	A11	4,336,114	06/22/82	Mayer, et al.	204	52R	03/26/81
RRK.	A12	4,326,940	04/27/82	Eckles, et al.	204	232	05/21/79
RRK. 7/1	A13	4,113,492	09/12/78	Sato, et al.	96	67	04/08/77

## Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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RRK. 7/1	B1	4-141395	05/06/94	JP	C25D	5/34	<input type="checkbox"/>	<input type="checkbox"/>
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	B3						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
RRK. 2/1	C1	Zheng, et al. "Method of Application of Electrical-biasing to Enhance Metal Deposition," filed 07/12/00; USSN 09/614,407
RRK. 7/1	C2	Gandikota, et al. "Electrochemical Deposition for High Aspect Ratio Structures Using Electrical Pulse Modulation," filed 05/11/00; USSN 09/569,833
	C3	
Examiner	7/1	Date Considered 09/25/03

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(Use several sheets if necessary)		Filing Date May 10, 2001	Group 17B 1762
Examiner <del>Unknown</del> R. Koehler			

## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate
RRK 2A	A1	4,110,176	08/29/78	Creutz, et al.	204	52 R	05/04/77
RRK	A2	4,092,176	05/30/78	Kozai, et al.	134	186	12/07/76
RRK	A3	4,027,686	06/07/77	Shortes, et al.	134	33	01/02/73
RRK	A4	3,727,620	04/17/73	Orr	134	95	03/18/70
RRK	A5	3,649,509	03/14/72	Morawetz, et al.	204	238	07/08/69
RRK	A6	2,882,209	04/14/59	Brown	204	52	05/20/57
RRK 2A	A7	2,742,413	04/17/56	Cransberg, et al.	204	52	04/13/53

## Foreign Patent Documents

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	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
RRK	2A	C1 ✓ Dordi, et al. "Electrodeposition Chemistry for Improved Filling of Apertures," filed 02/05/99; USSN 09/245,780
RRK		C2 Colombo, "Wafer Back Surface Film Removal," Central R&D, SGS-THOMSON Microelectronics, Agate Italy (no date given)
RRK		C3 Semitool Product Catalog (on-line) October 27, 1998
RRK		C4 Singer, "Copper Has Enormous Benefits When Compared to Aluminum, but its Implementation Requires Some Fundamental Changes in Process Technologies," Semiconductor International June 1998
RRK		C5 Singer, "Wafer Processing," Semiconductor International June 1998
RRK		C6 Pitney, "Ney Contact Manual" October 1974
RRK		C7 Holm, "Electric Contacts: Theory and Application" August 21, 1967

Examiner *mic* *R. Koehler* Date Considered *June 12, 2004* *9/25/03*

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(PTO Form 1449 modified)

Sheet 1 of 1 sheet(s)

Docket No. AMAT/4582/CPI/CO  
PPER/PJS

Serial No. 09/853,962

Applicant Hey, et al.

Confirmation No.: 6593

Filing Date May 10, 2001

Group 4762-1775

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Examiner R. Koehler  
Vicki Koppiker



**U.S. Patent Documents**

*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
<del>RRK</del>	A1	6,551,484	04/22/2003	Hey, et al.	205	96	01/18/2001
<del>RRK</del>	A2	6,432,832	08/13/2002	Miller, et al.	438	713	06/30/1999
<del>RRK</del>	A3	6,399,479	06/04/2002	Chen, et al.	438	628	08/30/1999
<del>RRK</del>	A4	6,395,101	05/28/2002	Scranton, et al.	134	32	10/08/1999
<del>RRK</del>	A5	6,391,166	05/21/2002	Wang	204	224 R	01/15/1999
<del>RRK</del>	A6	6,261,433	07/17/2001	Landau	205	96	04/21/1999
<del>RRK</del>	A7	6,203,582	03/20/2001	Berner, et al.	29	25.01	07/15/1996
<del>RRK</del>	A8	5,302,256	04/12/1994	Miura, et al.	205	85	06/15/1992
<del>RRK</del>	A9	2001/0015321	08/23/2001	Reid, et al.	205	103	02/28/2001
	A10						
	A11						
	A12						
	A13						

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OCT 02 2001

GROUP 1700

**Foreign Patent Documents**

*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
<del>RRK</del>	B1	99/25902	05/27/1999	WO	C25B	13/00	YES NO
	B2						<input type="checkbox"/> <input checked="" type="checkbox"/>
OTHER ART							<input type="checkbox"/> <input type="checkbox"/>

**OTHER ART**

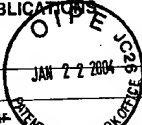
*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
<del>RRK</del>	C1 International Search Report for PCT Application US01/15200 dated March 11, 2003. (AMAT/4582.PC)
<del>RRK</del>	C2 International Search Report for PCT Application US99/08782 dated January 31, 2000. (AMAT/2601.02.SP)
	C3

Examiner Robert R. Koehler

Date Considered June 12, 2004

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.



U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/4582/CMP/ ECP/RKK	Serial No. 09/853,962
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Hey, et al.	Confirmation No.: 6593
(Use several sheets if necessary)		Filing Date May 10, 2001	Group 1775
Examiner <i>R. Koehler</i> <i>Vivek D. Koppikar</i>			

## U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
<i>RRK</i>	A1	6,638,410	10/28/2003	Chen, et al	205 182	11/22/2002
<i>RRK</i>	A2	6,632,345	10/14/2003	Chen	205 182	10/23/2000
<i>RRK</i>	A3	6,565,729	05/20/2003	Chen, et al	205 82	12/07/2000
<i>RRK</i>	A4	6,440,291	08/27/2002	Henri, et al	205 205	11/30/2000
<i>RRK</i>	A5	6,409,903	06/25/2002	Chung, et al	205 96	12/21/1999
<i>RRK</i>	A6	6,340,633	01/22/2002	Lopatin, et al	438 625	03/26/1999
<i>RRK</i>	A7	6,277,263	08/21/2001	Chen, et al.	205 182	08/31/1999
<i>RRK</i>	A8	6,074,544	06/13/2000	Reid, et al	205 157	07/22/1998
<i>RRK</i>	A9	4,891,106	01/02/1990	Domnikov	204 30	08/18/1987
	A10					
	A11					
	A12					
	A13					

## Foreign Patent Documents

*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						YES	NO
<i>RRK</i>	B1	01/90446	11/19/2001	WO	C25D	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2					<input type="checkbox"/>	<input type="checkbox"/>
	B3					<input type="checkbox"/>	<input type="checkbox"/>
	B4					<input type="checkbox"/>	<input type="checkbox"/>
	B5					<input type="checkbox"/>	<input type="checkbox"/>

## OTHER ART

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
<i>RRK</i>	C1 United States Patent Application for 09/614,407, filed on July 11, 2000. (AMAT/4471.Y1)
	C2
	C3
Examiner <i>R. Koehler</i>	Date Considered <i>June 12, 2004</i>

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# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number	09/853,962
Filing Date	MAY 10, 2001
First Named Inventor	PETER HEY, ET AL.
Group Art Unit	1775
Examiner Name	VIVEK D. KOPPIKAR
Attorney Docket Number	AMAT/4582/CMP/ECR/RKK
Submission Date	March 24, 2004

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (R Invention)			
	A1	US-4,898,647	02/08/1990	Luce, et al.	
	A2	US-5,516,414	05/14/1996	Glafein, et al.	
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
	B1					
	B2					
	B3					
	B4					
	B5					

Examiner

Date Considered

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 2

of 2

Application Number 09/853,962

09/853.962

Filing Date	MAY 10, 2001
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MAY 10, 2001

First Named Inventor	PETER HEY, ET AL.
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PETER HEY, ET AL.

Group Art Unit | 1775

1775

Examiner Name VIVEK D. KOPPIKAR

~~VIVEK D. KOPPIKAR~~

Attorney Docket Number	AMAT/4582/CMP/ECP/RKK
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AMAT/4582/CMP/ECP/RKK

Submission Date	March 24, 2004
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March 24, 2004

### NON PATENT LITERATURE DOCUMENTS

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**Examiner**

**Date Considered**

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Application Number	09/853,962
Filing Date	May 10, 2001
First Named Inventor	Hey, et al.
Group Art Unit	1753
Examiner Name	Robert R. Koehler
Attorney Docket Number	AMAT/4582/CMP/ECR/RKK
Submission Date	April 29, 2004

*(Use as many sheets as necessary)*

Sheet 1

of	2
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Submission Date

April 29, 2004

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
B1	52056369		05/09/1977	JP English Abstract		
B2	1160846		12/05/2001	EP		

Examiner

Date Considered June 12, 2004

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**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet	2	of	2
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Application Number	09/853,962
Filing Date	May 10, 2001
First Named Inventor	Hey, et al.
Group Art Unit	1753
Examiner Name	Robert R. Koehler
Attorney Docket Number	AMAT4582/CMPECP/RKK
Submission Date	April 29, 2004

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[illegible]

Robert R. Koehler

Date Considered June 12, 2004

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